Approved For Release 2008/04/24: CIA-RDP80-00810A008000300005-8 CLASSIFICATION S-B-C-2-E CENTRAL INTELLIGENCE AGENCY REPORT 25X1 INFORMATION REPORT CD NO. DATE DISTR. 16 September COUNTRY East Germany 1955 NO. OF PAGES SUBJECT Vinalit, Compenition and Manufacture NO. OF ENCLS. PLACE 25X1 ACQUIRED SUPPLEMENT TO DATE OF REPORT INFO. 25X1 estedy identities THIS IS UNEVALUATED INFORMATION "Vinalit" is the same as polyvinyl acetate. In early 1954, the following different types of "Vinalit" were produced: Vinalit 60 (solution of "Vinalit" in acetic ester), output 1.4 tons per month 0.2 " DW (dispersion) 0.7 " D (dispersion) (solution of "Vinalit" in acetic ester), " 0.5 " Research work on the following problems was conducted at the of VEB Chemische Werke Buna, Schkopau, under the surervision of Dr. Grimm: a. Examination of the properties of mixtures of polyvinyl chloride with various types of synthetic rubber such as Buna 32, Buna 85, Buna 88, and Perbunan, as well as of mixtures of polystance with the above types of synthetic rubber. As a result of this research, an impact-resisting polystyrene was developed consisting of 85 percent polystyrene and 15 percent Buna SS inked with 0.3 percent carbon black. Examination of the properties of polyamides produced by the Buna plant. The research led to the development of polyamid: AH. c. Development of oil buna. Oil buna was developed in the laboratory and the construction of experimental plants for the testing of oil buna justified. Development of a large-size die-casting machine for polyamides with a discharge pressure (Schusegewicht) of 1 kg. Testing of the pearl polymer of polyvinyl dloride produced on an experimental basis. This polymer is emulsifier-free. Testing of a mixed polymer consisting of vinyliden chloride, vinyl chloride and acrylenitril dioride. g. Production of Chlorbuna M. In the production process Buna 85 or Buna 32 in chloroform solution is treated with chlorine. The resulting chlorinated Buna is precipitated with methanol and subsequently dried. The final product

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which is designated "Chlorbuna M" is delivered to the paints and lacquer industr No information is available if "Chlorbuna" is used for other purposes besides 25x1

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